

SEP - 1 1995

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

In The Matter of  
Bell Operating Companies'  
Joint Petition for Waiver of  
Computer II Rules

) CC 85-229, 90-623  
) and  
) 95-20/  
)

AMERITECH'S PLAN TO PROVIDE COMPARABLY EFFICIENT  
INTERCONNECTION TO PROVIDERS OF  
PERSONAL ACCESS SERVICE

I. Introduction and Summary

Ameritech respectfully submits this plan to provide Comparably Efficient Interconnection to other vendors of personal access service, as required by the Memorandum Opinion and Order<sup>1</sup> released January 11, 1995 by the Federal Communications Commission ("Commission") in the above-captioned matter. By that Order, the Commission granted waivers, pending remand proceedings on its Computer III rules, permitting the Bell Operating Companies ("BOC's") to offer new enhanced services upon Commission approval of Comparably Efficient Interconnection ("CEI") plans covering each of the new services so offered.

Ameritech intends to offer personal access service as described herein, following Commission approval of this CEI plan. The plan fully demonstrates how Ameritech will comply with each of the Commission's CEI requirements.

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<sup>1</sup> In the Matter of Bell Operating Companies' Joint Petition for Waiver of Computer II Rules, Memorandum Opinion and Order, DA 95-36 ("Order"), released January 11, 1995.

## II. Description of the Service

Ameritech's Personal Access Service ("PAS") utilizes a Personal Access Platform to provide a single telephone number via which a customer can be reached, regardless of the customer's geographic location. Incoming call routing is based on time of day/day of week schedules designed by the PAS customer and may be changed at any time. Incoming calls to the PAS number may be directed to a home, office, fax, cellular, PCS, or voice mail number, or delivery may be attempted to a prioritized list of numbers until answered. The service may also be configured so that customers with pagers are paged when a voice message or fax is deposited in the customer's mailbox. At any time, PAS customers may check for receipt of faxes and voice mail messages.

PAS is a centrally located computer-based call routing and forwarding service which works either in conjunction with individual exchange access line service or on a stand-alone basis. All of the features and services delivered by Ameritech's Personal Access Service will utilize underlying basic services that are available at the same rates, and on the same terms and conditions, to unaffiliated providers of enhanced services.

Ameritech's Personal Access Service will allow Ameritech to provide a full range of customized call routing and forwarding services. End user calls to a PAS number may be delivered over the public switched telephone network ("PSTN") to the PAS host end-office. The host end-office will then deliver calls to the PAS platform via Primary Rate Interface ISDN lines. Other service providers reselling

PAS may choose to connect from a point of presence via DS1 special access facilities. Ameritech PAS system administration functions may be performed via business exchange access lines and dedicated channels. End user administrative functions may be performed using DTMF signalling, or via PC-based access using a modem.

PAS platform routing and forwarding features include the following:

A. Voice Mail

PAS uses an integrated voice mail system, or may be arranged to work with external voice mail systems. Voice mail features include the ability to leave, answer, and retrieve voice mail messages, and create customized greetings.

PAS provides out-dialing capability from within the system itself, allowing customers the option of responding directly to voice mail messages. Upon completion of a call, customers are placed back into the PAS system without having to redial a PAS number.

B. Fax Capability

Fax calls placed to a PAS number may be stored for later delivery, or may be routed to a telephone number or facsimile device specified by the PAS customer. The initial deployment of PAS will provide a "fax deflection" capability, while future versions will provide full fax store and forward functionality.

C. Call Screening

Calls to the PAS number may receive customized call routing and forwarding treatment based on the caller's originating telephone number, or through use of a personal identification number ("PIN") provided to the caller by the PAS

customer. Additional call screening options include “recorded name” and “spoken caller number” screening. Recorded name screening asks callers to record their own names, thus allowing the PAS subscriber to decide whether to accept the call or route it to voice mail. Spoken caller number screening provides an announcement to the PAS subscriber of the caller’s telephone number. PAS customers may also listen to voice mail messages while they are recorded and may opt to either accept a call or allow it to remain in voice mail. These call screening features may be activated or deactivated by the PAS subscriber as needed.

#### D. Call Treatment

Calls to a customer’s PAS number may be routed by a variety of methods, including: programmed scheduling; location sequencing; multiple locations tried simultaneously; one-number programming; subscriber paging; and “meet-me” paging. PAS customers may also designate a series of call routing choices for the caller, or provide a call-on-hold announcement. Callers to the PAS number may also be provided with announcements informing them of the status of the PAS system’s attempt to locate the subscriber, and with “music-on-hold.”

### III. CEI Parameters

#### A. Interface Functionality

Both Ameritech's Personal Access Service and enhanced services of other unaffiliated providers will access the network through existing standard line and trunk network interfaces. Customers may reach the service through any voice-grade connection. No special interfaces, signaling, abbreviated dialing, derived

channels or other special capabilities will be used to provide end-user access to Ameritech's Personal Access Service. All access arrangements will be available to Ameritech and all other providers of competing services at the same rates, and on the same terms and conditions. Several arrangements will be made available in tariffed form, as appropriate to each jurisdiction served by Ameritech.

#### B. Unbundling of Basic Services

The basic services to be used to provide Ameritech's Personal Access Service are listed and described in Exhibit A. All such basic services will be available to affiliated and unaffiliated enhanced service providers at the same rates, and on the same terms and conditions. These services will be available on an unbundled basis from tariffs, as appropriate in each jurisdiction served by Ameritech.

For the purpose of this CEI plan, in any jurisdiction where Ameritech utilizes any new basic services for its Personal Access Service, those services will be made available for use by unaffiliated providers on an unbundled basis no later than the time they are available for use in providing Ameritech's Personal Access Service.

#### C. Resale

Ameritech's Personal Access Service operations will obtain all needed underlying basic services at tariffed, catalog, or price list rates, add the personal access service enhancements, and provide the resulting enhanced service on a deregulated basis.

#### D. Technical Characteristics

Interconnection to Ameritech's Personal Access Service will be accomplished through existing standard network interfaces. Ameritech's procedures for processing and assigning circuits are in compliance with all Commission requirements, and assure that there can be no systematic discrimination in circuit assignment based upon the customer or proposed use.

#### E. Installation, Maintenance and Repair

Ameritech's installation, maintenance and repair procedures preclude discrimination among any of Ameritech's customers. The practices followed by Ameritech's employees are sufficiently automated that any systematic discrimination in the installation and maintenance of services would be both extremely difficult and highly unlikely. In addition, Ameritech will continue to file annual reports demonstrating that no such discrimination has in fact occurred.

#### F. End User Access

The operational characteristics of end-user access to Ameritech's Personal Access Service and to an unaffiliated provider's service will be identical in all respects. No abbreviated dialing or signaling arrangements, and no special derived channel access arrangements will be associated with these services.

#### G. CEI Availability

Ameritech's Personal Access Service will utilize access arrangements that are also available at the same rates, and on the same terms and conditions, to unaffiliated enhanced service providers

#### H. Minimization of Transport Costs

Ameritech's Personal Access Service will obtain basic services from existing tariffs, and will therefore be purchasing access connections at the same rates, and on the same terms and conditions, as are available to unaffiliated enhanced service providers. The facilities provided to Ameritech's affiliated enhanced services operations and to unaffiliated providers will fully comply with the Commission's parameters for technical equality; i.e., no user-perceived qualitative differences and no systematic differences in measured transmission quality will be present.

Ameritech will charge itself the tariffed or price-listed rates for basic services in accordance with the Commission's CEI requirements, using the mileage band that includes two miles of transport to the nearest Ameritech central office if the platform equipment is located in a central office, or the tariffed service rate in those instances where the platform equipment is located in a building other than a central office.

#### I. Recipients of CEI

Availability of the underlying basic services is not limited to any particular class of customer or service provider. All such services are available to all users on the same terms and conditions for any lawful purpose.

### IV. Other Safeguards

#### A. Non-Discrimination Reporting

Ameritech will continue to track and report on a quarterly basis the installation and maintenance intervals for basic services provided to its affiliated

personal access services operations compared to those provided to enhanced service providers subscribing to those services. These reports will demonstrate that no discrimination in these intervals has in fact occurred.

*B. Customer Proprietary Network Information ("CPNI")*

Ameritech will continue to fully comply with all Commission rules and requirements regarding the use of CPNI.

*C. Network Disclosure*

Since interconnection between Ameritech's personal access service and the underlying basic services will be accomplished in all cases through existing, published standard network interfaces, neither changes to existing network interface specifications nor publication of any new interfaces is required.

*D. Allocation of Joint and Common Costs*

All joint and common costs incurred in providing Ameritech's personal access service will be allocated pursuant to the Commission's rules, as reported in Ameritech's Part 64 Cost Allocation Manual.



V. Conclusion

Since this pleading fully complies in every regard with the Commission's stated requirements for approval of a service-specific CEI plan under its interim waiver procedure, timely approval of this plan covering personal access service is respectfully requested.

Respectfully submitted,

*Frank Michael Panek*  
*kak*

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Dated: September 1, 1995

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**FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY**

**ATTACHMENT A**

**ILLUSTRATIVE TARIFFS**

Attached are the tariff pages for Wisconsin Bell, Inc., which are illustrative of the tariffs in all Ameritech jurisdictions. References of comparable provisions in other jurisdictions are also included. The tariff pages from these other jurisdictions will be supplied upon request.

The attached pages cover the following services.

Ameritech ISDN Prime Service

DS1 Service

Business Exchange Access Line Service

Bell Channel - 3002 Channel

# Personal Access Service - Tariff References

Service	Tariff	Section	Pages
<u>Ameritech ISDN Service</u>			
Ameritech - Illinois	ILL C.C. No.5	Pt.2,Sec.24 & 25	
Ameritech - Indiana	Service Catalog	11	1-34
Ameritech - Michigan	Not tariffed		
Ameritech - Ohio	P.U.C.O No.1	5	91-106
<u>Ameritech DS1 Service</u>			
Ameritech - Illinois	ILL.C.C. No.5	Pt. 16	1-15
Ameritech - Indiana	Service Catalog	6	1-139
Ameritech - Michigan	Not tariffed		
Ameritech - Ohio	P.U.C.O. No.2	3	49-101
<u>Business Exchange Service</u>			
Ameritech - Illinois	ILL.C.C. No.5	Pt.2, Sec.19	1-33
Ameritech - Indiana	I.R.U.C. No. T-8	3	1-35
Ameritech - Michigan	M.P.S.C. No.1	1	12-29
Ameritech - Ohio	P.U.C.O. No.1	5	44-63
<u>Ameritech Channel Service</u>			
Ameritech - Illinois	ILL.C.C. No. 5	Part 16	1-15
Ameritech - Indiana	Service Catalog	6	1-139
Ameritech - Michigan	Not tariffed		
Ameritech - Ohio	P.U.C.O. No. 2	3	49-74

**Ameritech ISDN Services**

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

## 15.1.1 AMERITECH ISDN PRIME SERVICE

## A. DESCRIPTION

1. Ameritech ISDN Prime Service is a digital business service that provides access from a customer premises to the Company's circuit switched voice, circuit switched data and packet switched data services via a 1.544 Mbps central office termination and a 1.544 Mbps channel to the customer's premises. The channel may be a DS1 Local Distribution Channel (LDC) or part of a DS3, OC-3, OC-12 LDC or other suitable facility. The rates and charges for the channel and multiplexing, where applicable, are in addition to those for the ISDN Prime termination. (T) (N)

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2. The Ameritech ISDN Prime Service interface is provided in base capacities of twenty-three 64 Kbps "B" channels and one 64 Kbps "D" channel (23 B+D). The "D" channel is used for out of band signaling and control of the "B" channels. Where technology permits, "D" channels can be shared by two ISDN Prime central office interfaces for the same customer. "B" channels can be dedicated to either circuit switched data or voice services, or they may be shared these service types by using the Call-By-Call feature as described in C. following. 64 Kbps "B" channel packet switched data channels are always dedicated to packet service. (T)

## B. DEFINITIONS

"B" Channel

B-Channel (Bearer Channel) is a 64 Kbps digital channel capable of transporting circuit switched data, circuit switched voice and packet switched data.

"D" Channel

D-Channel (Delta Channel) is a 64 Kbps digital channel used to transport signaling and control information.

Out of Band Signaling

Out of Band Signaling is signaling that is separated from the channel carrying the circuit switched data and voice services.

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)  
15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## C. STANDARD FEATURES FOR CIRCUIT SWITCHED DATA AND VOICE SERVICES

Caller Number Identification

Caller Number Identification allows the caller's number, if not blocked, to be displayed on compatible CPE when an incoming call is received, including calls made to Direct Inward Dialing (DID) Service telephone numbers.

(N)  
|  
(N)

Call-By-Call

Call-By-Call allows the circuit switched data and voice services enabled over the ISDN Prime Service interface to share "B" channels and arrange them as a single trunk group. This allows incoming and outgoing voice and Circuit Switched Data calls to utilize "B" channels on a call by call basis. Without this feature, each service type, circuit switched data or voice, must have a dedicated "B" channel. Packet switched data services cannot utilize this feature.

Clear Channel Capability

Clear Channel Capability is a characteristic of the transmission paths on the "B" channels for ISDN Prime Service that allows the full bandwidth on each "B" channel, 64 Kbps, to be available to the customer. However, depending on the telecommunications network configuration, customer information may be transmitted at either 56 Kbps or 64 Kbps.

"D" Channel Control of Multiple Ameritech ISDN Prime Interfaces

"D" Channel Control of Multiple Ameritech ISDN Prime Service interfaces provides the capability for a single "D" channel to provide the signaling and control information for several Ameritech ISDN Prime Service interfaces. This arrangement allows the twenty-fourth channel on one or more Ameritech ISDN Prime Service interfaces to be available for incoming or outgoing voice, circuit switched data or packet switched data.

Dedicated Trunk Groups

Dedicated Trunk Groups allow all 23 "B" channels (24 where technology permits) to be used as stand alone trunk groups. Each "B" channel is capable of handling incoming or outgoing voice, circuit switched data or packet switched data.

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## C. STANDARD FEATURES FOR CIRCUIT SWITCHED DATA AND VOICE SERVICES (Cont'd)

Direct Inward Dialing (DID)

Direct Inward Dialing (DID) permits incoming dialed calls from the exchange network to reach a specific number served by the customer premises equipment without the assistance of an attendant or otherwise provides for unique identification of the call based on digits sent to the customer premises equipment by the Central Office. The Ameritech ISDN Prime Service interface will output digits to the customer premises equipment which can further process the calls as desired.

Equal Access

Equal Access allows the customer to preselect an interexchange carrier for each trunk group enabled for circuit switched data and voice services.

## D. OPTIONAL FEATURES FOR CIRCUIT SWITCHED DATA AND VOICE SERVICES

Call-By-Call for FX

Call-By-Call for FX allows Foreign Exchange calls to be directed to and originated from ISDN Prime "B" Channels. This provides Call-By-Call Service selection for incoming and outgoing Circuit Switched and Private Facility services.

Call-By-Call for Tie Lines

Call-By-Call for Tie Lines allows Tie Line calls to be directed to and originated from ISDN Prime "B" Channels. This provides Call-By-Call Service selection for incoming and outgoing Circuit Switched and Private Facility services.

"D" Channel Backup

"D" Channel Backup provides for a backup "D" channel for a failed "D" channel. This arrangement can be used where multiple Ameritech ISDN Prime Service interfaces share a single "D" channel. A predetermined channel on another Ameritech ISDN Prime Service interface automatically takes over the signalling and control functions for circuit switched data and voice calls.

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## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## D. OPTIONAL FEATURES FOR CIRCUIT SWITCHED DATA AND VOICE SERVICES (Cont'd)

Network Ring Again

Network Ring Again enables station users whose Digital PBX is connected to a Central Office by ISDN Prime Service to complete calls to a busy station line in another system without redialing. The system may be in the same or a different Central Office.

Network Name Display

Network Name Display allows the name of a station user calling over ISDN Prime Service to be forwarded for display on a properly equipped customer-provided set. The terminating system may be in the same or a different Central Office.

System Intercommunication Service

System Intercommunication Service is an arrangement that allows the Ameritech ISDN Prime Service "B" channel(s) to connect to a Centrex System or to another Ameritech ISDN Prime Service interface that is located in the same Central Office. This optional feature is only available on a per trunk basis.

(N)

(N)



## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

(N)

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## E. REGULATIONS

## 1. Provision of Service

Ameritech ISDN Prime Service is provided at the option of the Company and can only be provided from digital Central Offices equipped and programmed to provide such service.

The availability, functionality and capabilities of Ameritech ISDN Prime Service features may vary by serving Central Office.

Except as specified in 5 following for Government Entity, Ameritech ISDN Prime Service shall not be used for any purpose for which any consideration is rendered to pay any party other than the Company.

## 2. Ameritech ISDN Interface Specifications

Customer-provided equipment compatibility requirements are listed in the Ameritech ISDN Interface Specifications. The availability and functions of the features and the capabilities may vary by the serving Central Office. All customer-provided equipment used to interface with Ameritech ISDN Prime Service is required to conform with the Technical Reference Specifications as used by the Company and found in the Technical Reference:

<u>Subject</u>	<u>Technical Reference</u>	<u>Source</u>
Ameritech ISDN Interface Specifications	AM-TR-000068	708-248-2212

The Technical Reference can be obtained from:

Assistant Manager - Information Release  
Ameritech Services, Inc.  
2000 W. Ameritech Center Drive, 3A43E  
Hoffman Estates, IL 60196

(N)

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## E. REGULATIONS (Cont'd)

## 3. Payment for Service

## a. Month to Month Payment Plan

Ameritech ISDN Prime Service is offered under a Month to Month Payment Plan. The provision of Ameritech ISDN Prime Service under the Month to Month Payment Plan is dependent on the availability and capacity of Central Office facilities.

## b. Optional Term Payment Plan (OTPP)

Ameritech ISDN Prime Service is offered under the Optional Term Payment Plan (OTPP) as specified in F following. Customers may select the 36 month, 60 month or 84 month optional payment periods.

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## c. Temporary Suspension of Service

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Temporary Suspension of Service is not offered with Ameritech ISDN Prime Service.

## 4. Cancellation of Service Prior to Establishment of Service

In the event a customer initiates cancellation of equipment and facilities before completion, or after installation is completed, but prior to service being established, the loss on equipment and facilities in process of building or being installed, cost of installation labor, cost of removal and other expenses, not to exceed the Installation Charge(s), will apply. In addition, Service Connection Charge(s) as specified in Section 3 of this tariff may also be applicable.

## 5. Government Entity

Any Government Entity, as defined in Section 2 of this tariff, may authorize any other government entity to use its Ameritech ISDN Prime Service interface. In such cases, the initial primary user will be considered the customer and will be responsible for the payment of all the incurred non-recurring charges and monthly rates. (N)

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

(N)

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## F. OPTIONAL TERM PAYMENT PLAN (OTPP)

## 1. Description

- a. Ameritech ISDN Prime Service is offered under an Optional Term Payment Plan (OTPP).
- b. The OTPP allows a customer to pay a fixed monthly rate over one of several optional payment periods.
- c. A payment period is the period of time selected by the customer from those currently offered by the Company over which a specific monthly rate is paid.
- d. During the effective term of the selected payment period, the contracted for monthly rate on a payment period is not subject to a monthly rate increase initiated by the Company.

## 2. Regulations

- a. An existing Ameritech ISDN Prime Service customer may move their principle location and retain the OTPP at the rates in effect at the time the customer subscribed to the OTPP as long as the ISDN Prime Service interface remains located in the same Central Office.
- b. An existing ISDN Prime Service customer that disconnects prior to the expiration of the selected OTPP payment period will remain liable for the contracted monthly rates adjusted to a discount rate equal to the Company's weighted average cost of capital. These termination charges will become due and payable in their entirety immediately upon such termination.
- c. Prior to the completion of the selected payment period, any other available payment period at then current tariffed rates may be selected. Except as specified in 3 following, the customer will begin paying the new OTPP rates on the day following the expiration of the prior payment period.
- d. If the customer does not elect an available OTPP payment period at the completion of the current payment period and does not request discontinuance of service, service will be continued at the then current monthly rates for the one month OTPP payment period. The one month payment period will be subject to rate adjustments.

(N)

## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## F. OPTIONAL TERM PAYMENT PLAN (OTPP) (Cont'd)

## 3. OTPP Extended Payment Period Agreements

- a. An existing Ameritech ISDN Prime Service customer may extend their existing OTPP payment period subject to the following conditions:
- (1) The duration of the Extended Payment Period Agreement is equal to or greater than the time period remaining on the existing OTPP payment period.
  - (2) When an existing OTPP is extended, the lower monthly OTPP rates, if applicable, will become effective on the execution date of the Extended Payment Period Agreement.
  - (3) An Extended Payment Period Agreement is subject to the same provisions as a new OTPP.

## G. APPLICATION OF CHARGES AND RATES

1. The LDC for transport between the ISDN Prime Service interface, located in the Company's central office, and the customer's premises, may be a DS1 LDC or part of a DS3, OC-3 or OC-12 LDC, or other suitable facility. The appropriate charges and rates for LDCs and multiplexing, where applicable, can be found in the following tariff references:

P.S.C. of W. No. 4	Sections 7, 8 and 15	(D)
P.S.C. of W. No. 2	Section 7	(T)
Tariff F.C.C. No. 2	Section 7	(N)
2. Circuit switched voice calls will be subject to Local Message charges, Extended Community Calling Local Message charges, or Long Distance Message Telecommunications Service charges as specified elsewhere in this tariff.
3. Circuit Switched Data calls will be subject to Local Message charges as specified in Section 5, Extended Community Calling Local Message charges or Long Distance Telecommunications Service charges as specified elsewhere in this tariff. (T)
4. Packet Switched Data calls will be subject to the charges and rates as specified in P.S.C. of W. 4, Section 6.

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## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## G. APPLICATION OF CHARGES AND RATES (Cont'd)

5. The charges and rates for IntraLATA Wide Area Telecommunications Service (WATS) access lines, as specified in Section 7 of this tariff, are applicable as appropriate.
6. The charges and rates for Each Additional Group of 20 DID Station Numbers, as specified in Section 5 of this tariff, are applicable for DID station numbers used in association with the Direct Inward Dialing feature.

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## H. CHARGES AND RATES

The following charges and rates are in addition to the charges and rates for any other services required to furnish a communications system:

	<u>USOC</u>	<u>Install Charge</u>	<u>Month to Month</u>	<u>36- Month OTPP</u>	<u>60- Month OTPP</u>	<u>84- Month OTPP</u>
1. Ameritech ISDN Prime Service Interface, Each	2PAZD	\$2000.00	\$450.00	\$440.00	\$430.00	\$420.00
2. "D" Channel Backup, Each	2PBXD	200.00	120.00	115.00	110.00	105.00
3. System Intercommunication Service,  Per "B" Channel Circuit Switched Data/Voice	ZCMCX	150.00	35.00	NO	NO	NO
Packet Switched Data	ZCMPX	150.00	35.00	NO	NO	NO
4. "B" Channel Packet Switched Data,  Per "B" Channel	LTG3A	200.00	120.00	110.00	100.00	90.00
5. Call-By-Call for FX Each	C2Q	75.00	25.00	20.00	17.50	15.00

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## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.1 INTEGRATED SERVICES DIGITAL NETWORK (ISDN) (Cont'd)

## 15.1.1 AMERITECH ISDN PRIME SERVICE (Cont'd)

## H. CHARGES AND RATES (Cont'd)

	<u>USOC</u>	<u>Install Charge</u>	<u>Month to Month</u>	<u>36- Month OTPP</u>	<u>60- Month OTPP</u>	<u>84- Month OTPP</u>	
6. Call-By-Call for Tie Lines Each	C3Q	\$ 75.00	\$25.00	\$20.00	\$17.50	\$15.00	(T) (M)
7. Network Ring Again  Per ISDN Prime Equipped	ZRA	400.00	75.00	65.00	55.00	45.00	(M)
8. Network Name Display  Per ISDN Prime Equipped	ZNN	400.00	75.00	65.00	55.00	45.00	(T)
9. Additions, Deletions, Rearrangements, and Changes of one or more trunks to existing trunk groups Per interface, Per occasion, Per trunk group	REALF	50.00	NO	NO	NO	NO	

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## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.3 AMERITECH ISDN DIRECT SERVICE

## A. GENERAL DESCRIPTION

1. Ameritech ISDN Direct Service is a Single Line Business Exchange Service that provides access to Circuit Switched Voice Service, Circuit Switched Data Service and Packet Switched Data Service.
2. An Ameritech ISDN Direct Service Line consists of Central Office facilities, including the outside plant facilities, extended from the Company's switching equipment to the customer's premises.
3. An Ameritech ISDN Direct Service Line utilizes an ISDN basic rate interface that provides for two 64 Kbps "B" channels and one 16 Kbps "D" channel (2B+D).

## B. SERVICE DESCRIPTIONS

## 1. Circuit Switched Voice Service

Circuit Switched Voice Service provides the ability to originate and receive circuit switched voice calls over the 64 Kbps "B" channel.

## a. Standard Circuit Switched Voice Service Features

- (1) Analog Line Pickups - An arrangement that allows analog lines to have a line appearance on a customer-provided Key Line set. This arrangement is limited to analog lines that are terminated in the same Central Office switch. This feature may limit the use of other features and/or functionality on the analog line. (T)
- (2) Call Hold - An arrangement that allows a station user to hold a call in progress by depressing a programmed button on a customer-provided set. (T)
- (3) Call Transfer - Incoming and outgoing calls may be transferred to other business lines. The customer initiating the transfer is responsible for any local or toll charges on transferred calls. (N)  
(N)
- (4) Called Number Display - The called number is displayed on compatible customer premises equipment when an outgoing call is placed. (C)  
(C)
- (5) Caller ID - The caller's number, if not blocked, is displayed on compatible customer premises equipment when an incoming call is received. The Caller ID feature will forward the calling number from the appropriately equipped originating Central Office to the customer provided display device. (C)  
(C)

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## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.3 AMERITECH ISDN DIRECT SERVICE (Cont'd)

## B. SERVICE DESCRIPTIONS (Cont'd)

## 1. Circuit Switched Voice Service (Cont'd)

## a. Standard Circuit Switched Voice Service Features (Cont'd)

- (6) Conference Calling (Three Way) - Allows a user to hold incoming or outgoing calls, initiate another call, then return to the original call, adding on the last party. (N)  
(N)
- (7) Denied Origination - Allows call terminations, but prevents the origination of a call. (C) (M)
- (8) Denied Termination - Allows call originations, but prevents the termination of a call.
- (9) Hunting - Incoming calls to a busy line appearance are redirected to a predetermined telephone number to search for a line on which to complete the call. This may be another circuit switched voice channel, another ISDN station or an analog line. The types of hunting are limited to Series Completion, Multi-Line and Circular. This feature may impact the use of Shared Call Appearance and Multiple Call Appearance in certain serving Central Offices.
- (10) Multiple Call Appearances - Provides up to four appearances of the station's primary directory number or secondary telephone number on the same instrument. These appearances may provide additional access from the public network, and/or may originate unique dial tone for additional outgoing access (see Additional Multiple Call Appearance for applications that require more than four call appearances on the same device). This feature may impact the use of Shared Call Appearance in certain Central Offices.
- (11) Shared Call Appearance - Provides the capability to terminate telephone numbers from one ISDN station to another. These numbers will be configured in a Single Call Arrangement (SCA). SCA allows only one set to be active (either originating or terminating) on the Shared Call Appearance at any given time. Manual Exclusion capabilities are available in this arrangement. (C)
- b. Optional Circuit Switched Voice Features
- (1) Additional Call Offering - Provides notification to an ISDN user that a call directed to that user is present at the service switch, even though no B Channel can be allocated for the call. Once notified, the user may free up a B Channel (by clearing another call or placing another call on hold) in order to accept the additional call. This feature provides similar functionality as that provided by Call Waiting for the analog telephone user. (C)  
(M)

CERTAIN TEXT ON THIS PAGE FORMERLY APPEARED ON PAGE 72, RELEASE 1.0, AND ON PAGE 73, RELEASE 1.2 (M)  
(M)



## 15 EXCHANGE TELECOMMUNICATIONS SERVICES

## 15.3 AMERITECH ISDN DIRECT SERVICE (Cont'd)

## B. SERVICE DESCRIPTIONS (Cont'd)

## 1. Circuit Switched Voice Service (Cont'd)

- b. Optional Circuit Switched Voice Features (Cont'd) (T)
- (2) Additional Multiple Call Appearances - Provides additional call appearances, beyond the initial four appearances, of a station's primary directory number or secondary telephone number on the same instrument. These appearances may provide additional access from the public network and/or may originate unique dial tone for additional outgoing access. (C)
- (3) Alternate Answering - Automatically transfers incoming calls that encounter a don't answer condition after a predetermined number of rings to a designated exchange telephone number or Direct Inward Dialing Service (DID) Station Number. The charges and rates for this optional feature are specified in Section 5 of this tariff. (N)
- (4) Automatic Callback - Automatically returns the last incoming call whether or not it was answered. If the number is busy, Automatic Callback will continue to redial the number for up to 30 minutes. The charges and rates for this optional feature are specified in Section 5 of this tariff.
- (5) Busy Line Transfer - Automatically transfers incoming calls to an alternate designated exchange telephone number or Direct Inward Dialing Service (DID) Station Number when the called telephone number is busy. Charges and rates for this optional feature are specified in Section 5 of this tariff.
- (6) Call Forwarding Variable - Automatically transfers all incoming calls to another telephone number designated by the customer. Charges and rates for this optional feature are specified in Section 5 of this tariff.
- (7) Call Screening - Allows the customer to block incoming calls from up to a maximum of ten telephone numbers. Charges and rates for this optional feature are specified in Section 5 of this tariff.
- (8) Caller ID with Name - When available, provides for the display of the incoming name on a customer-provided device attached to the customer's access line or on a telephone or answering machine equipped with a built-in display screen. Caller ID with Name Service will forward the calling name from the appropriately equipped Central Office to the customer-provided display device. The Company will forward all telephone numbers subject to technical limitations. Charges and rates for this optional feature are specified in Section 5 of this tariff. (N)

TEXT DELETED NOW APPEARS ON PAGE 72.1, RELEASE 1.0

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